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a processor preparing at least one document instance which presents a contents of said structured document, and a document type definition which defines a document structure of said structured document, including a plurality of element declarations which respectively define a plurality of types of logical structures for said one document instance, and a plurality of entity declarations which respectively designate said defined logical structures, validating one of said entity declarations of said document type definition to validate a corresponding one of said element declarations of said document type definition, and creating said structured document having the contents of said document instance in said one logical structure that is defined by said corresponding validated element declaration;

a memory storing the structured document; and

a display displaying the structured document, wherein the structured document is an XML document.

REMARKS

In the Final Office Action mailed July 24, 2002, claims 1-13 were rejected under 35 USC 102(e) as being anticipated by Sato (U.S. Patent No. 6,014,680). The foregoing rejections were respectfully traversed in the Amendment filed November 25, 2002.

In addition, in the Advisory Action mailed December 5, 2002, the foregoing rejections are maintained by the Examiner.

New claim 14 is added. Care has been exercised to avoid the introduction of new matter.

Claims 1-14 are pending in the present application; claims 1, 9, 13, and 14 are independent claims. Claims 2-8 depend, either directly or indirectly, from claim 1, and claims 10-12 depend, either directly or indirectly, from claim 9.

Claims 1, 9, 13, and 14 recite that, a structured document has a document instance and a document type definition, and the document type definition includes (i) a plurality of element declarations which respectively define a plurality of type of logical structures for the one document instance, and (ii) a plurality of entity declarations which respectively designate the defined logical structures.

More particularly, each of claims 1, 9, 13 and 14 recites (using the recitation of claim 1 as an example) "creating a structured document in accordance with a predetermined document type definition", "preparing at least one document instance which presents a contents of said structured document, and a document type definition which defines a document structure of said structured document, including a plurality of element declarations which respectively define a plurality of types of logical structures for said one document instance, and a plurality of entity declarations which respectively designate said defined logical structures".

The foregoing rejections are respectfully traversed.

Withdrawal of the foregoing rejections is respectfully requested.

Moreover, new claim 14 recites "the structured document is an XML document".

Allowance of new claim 14, and of claims 1-13, is respectfully requested.

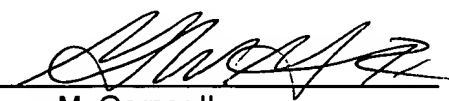
If there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Supplemental Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

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Please ADD new claim 14 as follows:

14. (NEW) A computer system creating a structured document in accordance with a predetermined document type definition, comprising :

a processor preparing at least one document instance which presents a contents of said structured document, and a document type definition which defines a document structure of said structured document, including a plurality of element declarations which respectively define a plurality of types of logical structures for said one document instance, and a plurality of entity declarations which respectively designate said defined logical structures, validating one of said entity declarations of said document type definition to validate a corresponding one of said element declarations of said document type definition, and creating said structured document having the contents of said document instance in said one logical structure that is defined by said corresponding validated element declaration;

a memory storing the structured document; and

a display displaying the structured document, wherein the structured document is an XML document.